

scanning an unknown form into a data processing unit in communication with said line keys and objects database;

identifying said unknown form by first creating a form map, said map including lines keys and objects;

searching line keys and objects from said known forms in said line keys and objects database;

comparing said searched line keys and objects with line keys and objects from said unknown form;

creating likely candidates for the identity of the unknown form wherein if identity is not successful, said form map of said unknown form is saved in said line keys and objects database;

interpreting said unknown form using known form maps; and  
validating results.

36. The method as claimed in claim 35 wherein:

a key line and an object are created by horizontal and vertical keys.

37. The method as claimed in claim 36 wherein:

each key is created by dividing lines and objects into segments where each segment is equivalent to one key position.

38. The method as claimed in claim 37 wherein:

when identification of candidates is successful, the interpreting step follows; and  
when identification of candidates is not successful, additional line keys and objects are compared until identification is made; and

when identification is still not successful, the next step is performed self-learning.